

# Index to Volume 120

## A

- Admixed origins of central Siberian populations, mitochondrial DNA evidence for . . . . .  
 AERTS, PETER. See Vereecke, Evie . . . . .  
 Alterations in the archaic *Homo sapiens* cranium from Elly Springs, Kenya, pathological . . . . .  
 American Southwest, Native American mtDNA prehistory in the . . . . .  
 Analysis of colored teeth from precolumbian tlatelolco: postmortem transformation or intravital processes? . . . . .  
 Announcement: Web-based review process for the *American Journal of Physical Anthropology* . . . . .  
 Apalachee Mission populations of La Florida: a diachronic perspective, differential phenotypic variability among the . . . . .  
 Apes. II: Estimation of body mass, long bone articular and diaphyseal structure in Old World monkeys and . . . . .  
 Atlantic fringe of Europe, mitochondrial DNA affinities at the . . . . .

## B

- BARDI, MASSIMO, KEIKO SHIMIZU, GORDON M. BARRETT, SILVANA M. BORGognini-Tarli, AND MICHAEL A. HUFFMAN. Peripartum cortisol levels and mother-infant interactions in Japanese macaques . . . . .  
 BARRETT, GORDON M. See Bardi, Massimo . . . . .  
 BAYLISS, ALEX. See Mays, Simon . . . . .  
 BERTRAM, JOHN E.A. See Usherwood, James R. . . . .  
 Beza Mahafaly Reserve, Madagascar: a 15-year perspective, demographic and life-history patterns in a population of ring-tailed lemurs (*Lemur catta*) at . . . . .  
 Biological variation at Pueblo Bonito, postmarital residence and . . . . .  
 Body mass dimorphism in primates: implications for the fossil record, scaling relationships between craniofacial sexual dimorphism and . . . . .  
 Bonobos, orangutans, and gibbons, localized hypoplasia of the primary canine in . . . . .  
 Bonobos (*Pan paniscus*), dynamic plantar pressure distribution during terrestrial locomotion of . . . . .  
 BORGognini-Tarli, SILVANA M. See Bardi, Massimo . . . . .  
 BORGognini TARLI, SILVANA M. See Minozzi, Simona . . . . .  
 BRAUER, GÜNTER, CHRISTOPH GRODEN, GÜNTHER DELLING, KORNELIUS KUPCZIK, EMMA MBUA, AND MICHAEL SCHULTZ. Pathological alterations in the archaic *Homo sapiens* cranium from Elly Springs, Kenya . . . . .  
 BREHM, ANTONIO. See González, Ana M. . . . .  
 Brief Communication: Coexistence of two distinct patterns in the surname structure of Sicily . . . . .

## C

- CABRERA, VICENTE M. See González, Ana M. . . . .  
 Cases of treponemal disease of medieval date from England, two probable . . . . .  
 Catarrhine primates, patterns of joint size dimorphism in the elbow and knee of . . . . .  
 Central Siberian populations, mitochondrial DNA evidence for admixed origins of . . . . .  
 Chacma baboons, life history and the competitive environment: trajectories of growth, maturation, and reproductive output among . . . . .  
 CHÁVEZ-LOMELI, M.E. See Mansilla, J. . . . .  
 Colored teeth from precolumbian tlatelolco: postmortem transformation or intravital processes?, analysis of . . . . .  
 Comparative functional analysis of skull morphology of tree-gouging primates . . . . .  
 Competitive environment: trajectories of growth, maturation, and reproductive output among chacma baboons, life history and the . . . . .  
 CONTERIO, FRANCO. See Pavese, Angelo . . . . .  
 Cortical material properties throughout the human dentate mandible, variations in . . . . .  
 CRANE-KRAMER, GILLIAN. See Mays, Simon . . . . .

## D

- 3D-CT comparative analysis, growth-related shape changes in the fetal craniofacial complex of humans (*Homo sapiens*) and pigtailed macaques (*Macaca nemestrina*): A . . . . .  
 D'AOÛT, KRISTIAAN. See Vereecke, Evie . . . . .  
 DECHOW, P.C. See Schwartz-Dabney, C.L. . . . .  
 DE CLERCQ, DIRK. See Vereecke, Evie . . . . .  
 DELLING, GÜNTER. See Bräuer, Günter . . . . .  
 Demographic and life-history patterns in a population of ring-tailed lemurs (*Lemur catta*) at Beza Mahafaly Reserve, Madagascar: a 15-year perspective . . . . .  
 Demographic transition: a case study from Finland, 1870–1949, human life histories and the . . . . .  
 Diaphyseal structure in Old World monkeys and apes. II: Estimation of body mass, long bone articular and . . . . .  
 DI LERNIA, SAVINO. See Minozzi, Simona . . . . .  
 Dietary constraints on encephalization in primates . . . . .

- Differential phenotypic variability among the Apalachee Mission populations of La Florida: a diachronic perspective . . . . .  
 DONOGHUE, HELEN D. See Fletcher, Helen A. . . . .  
 Dynamic plantar pressure distribution during terrestrial locomotion of bonobos (*Pan paniscus*) . . . . .

## E

- 18th–19th century Hungarians, widespread occurrence of *Mycobacterium tuberculosis* DNA from . . . . .  
 Early holocene in Central Sahara (Uan Muhiagiag, Tadrart Acacus, Libya), nonalimentary tooth use in prehistory: an example from . . . . .  
 Elbow and knee of catarrhine primates, patterns of joint size dimorphism in the . . . . .  
 Elly Springs, Kenya, pathological alterations in the archaic *Homo sapiens* cranium from . . . . .  
 Enamel Development and morphology, macroscopic and microscopic analyses of linear enamel hypoplasia in plio-pleistocene South African hominins with respect to aspects of . . . . .  
 Encephalization in primates, dietary constraints on . . . . .  
 England, two probable cases of treponemal disease of medieval date from . . . . .  
 ESHLEMAN, JASON A. See Malhi, Ripan S. . . . .  
 Estimating the length of incomplete long bones: forensic standards from Guatemala . . . . .  
 Estimation of body mass, long bone articular and diaphyseal structure in Old World monkeys and apes. II: . . . . .

## F

- Fetal craniofacial complex of humans (*Homo sapiens*) and pigtailed macaques (*Macaca nemestrina*): A 3D-CT comparative analysis, growth-related shape changes in the . . . . .  
 FISH, JENNIFER L. AND CHARLES A. LOCKWOOD. Dietary constraints on encephalization in primates . . . . .  
 FLETCHER, HELEN A., HELEN D. DONOGHUE, JOHN HOLTON, ILDIKO PAP, AND MARK SPIGELMAN. Widespread occurrence of *Mycobacterium tuberculosis* DNA from 18th–19th century Hungarians . . . . .  
 FLORES, CARLOS. See González, Ana M. . . . .  
 Forensic standards from Guatemala, estimating the length of incomplete long bones: . . . . .  
 Fossil record, scaling relationships between craniofacial sexual dimorphism and body mass dimorphism in primates: implications for the . . . . .  
 From Finland, 1870–1949, human life histories and the demographic transition: a case study . . . . .  
 Functional analysis of skull morphology of tree-gouging primates, comparative . . . . .

## G

- GAMA, J.E. See Mansilla, J. . . . .  
 Genetic diversity of JC virus in the modern Filipino population: implications for the Peopling of the Philippines . . . . .  
 GONZALEZ, ANA M., ANTONIO BREHM, JOSÉ A. PÉREZ, NICOLE MACA-MEYER, CARLOS FLORES, AND VICENTE M. CABRERA. Mitochondrial DNA affinities at the Atlantic fringe of Europe . . . . .  
 GORODEZKY, CLARA. See Malhi, Ripan S. . . . .  
 GOULD, LISA, R.W. SUSSMAN, AND MICHELLE L. SAUTHER. Demographic and life-history patterns in a population of ring-tailed lemurs (*Lemur catta*) at Beza Mahafaly Reserve, Madagascar: a 15-year perspective . . . . .  
 GRODEN, CHRISTOPH. See Bräuer, Günter . . . . .  
 Growth, maturation, and reproductive output among chacma baboons, life history and the competitive environment: trajectories of . . . . .  
 Growth-related shape changes in the fetal craniofacial complex of humans (*Homo sapiens*) and pigtailed macaques (*Macaca nemestrina*): A 3D-CT comparative analysis . . . . .

- GUATELLI-STEINBERG, DEBBIE. Macroscopic and microscopic analyses of linear enamel hypoplasia in plio-pleistocene South African hominins with respect to aspects of enamel development and morphology . . . . .  
 Guatemala, estimating the length of incomplete long bones: forensic standards from . . . . .

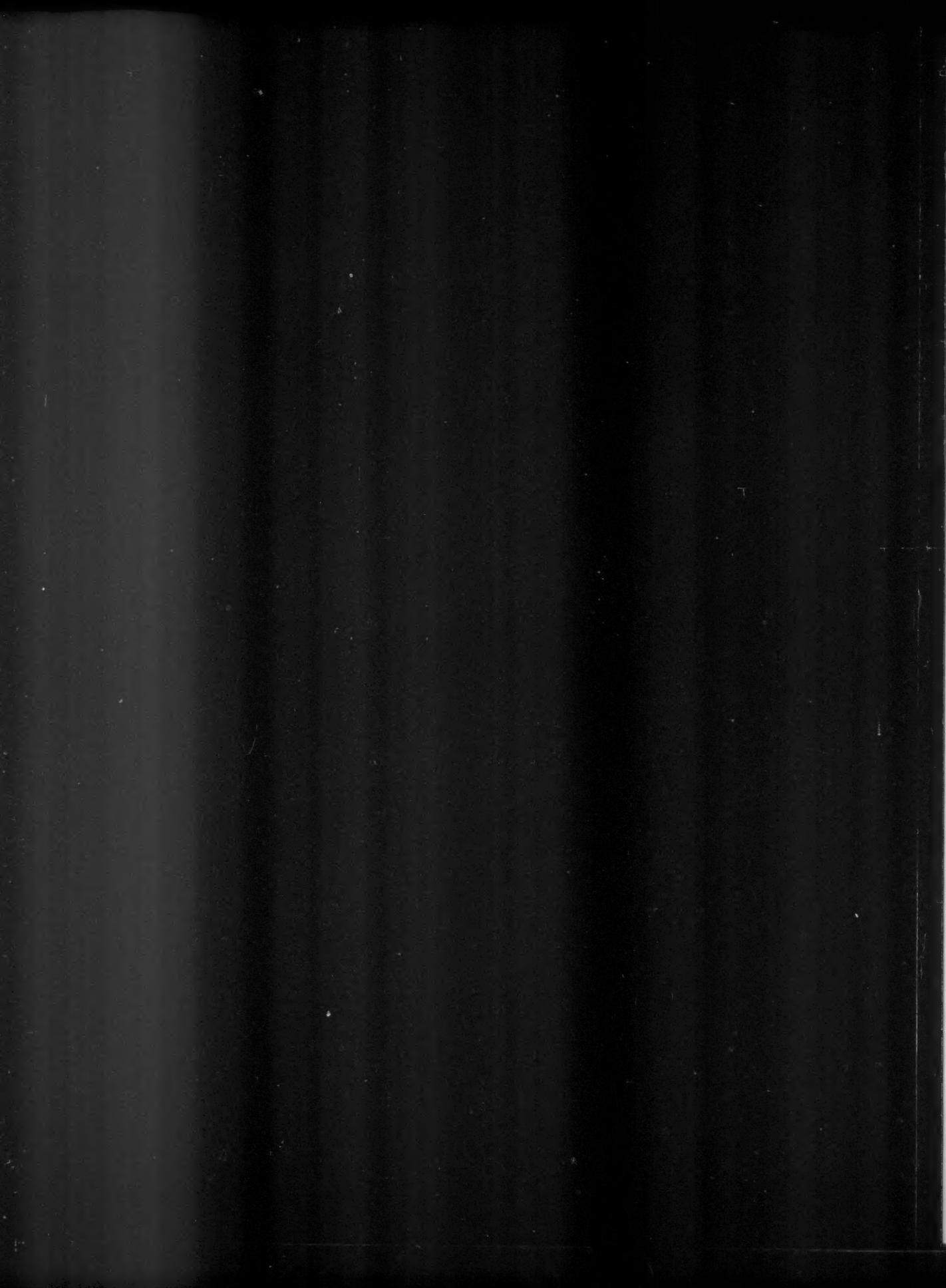
## H

- HARVATI, KATERINA. Quantitative analysis of neanderthal temporal bone morphology using three-dimensional geometric morphometrics . . . . .  
 HOLTON, JOHN. See Fletcher, Helen A. . . . .  
 HUFFMAN, MICHAEL A. See Bardi, Massimo . . . . .  
 Human dentate mandible, variations in cortical material properties throughout the . . . . .  
 Human life histories and the demographic transition: a case study from Finland, 1870–1949 . . . . .

## INDEX

|   |     |   |     |
|---|-----|---|-----|
| Humans ( <i>Homo sapiens</i> ) and pigtailed macaques ( <i>Macaca nemestrina</i> ): A 3D-CT comparative analysis, growth-related shape changes in the fetal craniofacial complex of . . . . .   | 339 | Mitochondrial DNA affinities at the Atlantic fringe of Europe . . . . .   | 391 |
| HYLANDER, WILLIAM L. See Vinyard, Christopher J. . . . .  | 153 | Mitochondrial DNA evidence for admixed origins of central Siberian populations . . . . .  | 211 |
| <b>I</b>  |     | Modern Filipino population: implications for the Peopling of the Philippines, genetic diversity of JC virus in the . . . . .  | 125 |
| Intravital processes? Analysis of colored teeth from precolumbian tlatelolco: postmortem transformation or . . . . .  | 73  | Morphology, macroscopic and microscopic analyses of linear enamel hypoplasia in plio-pleistocene South African hominins with respect to aspects of enamel development and . . . . .   | 309 |
| <b>J</b>  |     | MORTENSEN, HOLLY M. See Malhi, Ripan S. . . . .   | 108 |
| Japanese macaques, peripartum cortisol levels and mother-infant interactions in . . . . .   | 298 | Myobacterium tuberculosis DNA from 18th-19th century Hungarians, widespread occurrence of . . . . .   | 144 |
| JOHNSON, JOHN R. See Malhi, Ripan S. . . . .  | 108 | <b>N</b>  |     |
| JOHNSON, SARA E. Life history and the competitive environment: trajectories of growth, maturation, and reproductive output among <i>Chacma</i> baboons . . . . .  | 83  | Native American mtDNA prehistory in the American Southwest . . . . .  | 108 |
| Joint size dimorphism in the elbow and knee of catarrhine primates, patterns of . . . . .   | 278 | Neanderthal temporal bone morphology using three-dimensional geometric morphometrics, quantitative analysis of . . . . .  | 323 |
| <b>K</b>  |     | NEWELL, ELIZABETH A. See Skinner, Mark F. . . . .   | 61  |
| KAESTLE, FREDERIKA A. See Malhi, Ripan S. . . . .   | 108 | Nonalimentary tooth use in prehistory: an example from early holocene in Central Sahara (Uan Muhuggiag, Tadrart Acacus, Libya) . . . . .  | 225 |
| KEMP, BRIAN M. See Malhi, Ripan S. . . . .  | 108 | <b>O</b>  |     |
| Knee of catarrhine primates, patterns of joint size dimorphism in the elbow and . . . . .   | 278 | Old World monkeys and apes. II: Estimation of body mass, long bone articular and diaphyseal structure in . . . . .  | 16  |
| KORPELAINEN, HELENA. Human life histories and the demographic transition: a case study from Finland, 1870–1949 . . . . .  | 384 | <b>P</b>  |     |
| KUPCZIK, KORNELIUS. See Bräuer, Günter . . . . .  | 200 | PAKENDORF, BRIGITTE, VICTOR WIEBE, LARISSA A. TARSKAIA, VICTOR A. SPITSYN, HIMLA SOODYALL, ALEXANDER RODEWALD, AND MARK STONEKING. Mitochondrial DNA evidence for admixed origins of central Siberian populations . . . . . | 211 |
| <b>L</b>  |     | PAP, ILDIKÓ. See Fletcher, Helen A. . . . .   | 144 |
| La Florida: a diachronic perspective, differential phenotypic variability among the Apalachee Mission populations of . . . . .  | 352 | PARAGUISON, RUBIGILDA. See Miranda, Jasmin Jiji . . . . .   | 125 |
| LAGUE, MICHAEL R. Patterns of joint size dimorphism in the elbow and knee of catarrhine primates . . . . .  | 278 | Pathological alterations in the archaic <i>Homo sapiens</i> cranium from Ellye Springs, Kenya . . . . .   | 200 |
| LARSEN, CLARK SPENCER. Announcement: Web-based review process for the <i>American Journal of Physical Anthropology</i> . . . . .  | 107 | Patterns of joint size dimorphism in the elbow and knee of catarrhine primates . . . . .  | 278 |
| LARSON, SUSAN G. See Usherman, James R. . . . .   | 364 | PAVESI, ANGELO, PAOLA PIZZETTI, ENZO SIRI, ENZO LUCCHETTI, AND FRANCO CONTERIO. Brief Communication: Coexistence of two distinct patterns in the surname structure of Sicily . . . . .                                      | 195 |
| Length of incomplete long bones: forensic standards from Guatemala, estimating the . . . . .  | 233 | Peopling of the Philippines, genetic diversity of JC virus in the modern Filipino population: implications for the . . . . .  | 125 |
| Life history and the competitive environment: trajectories of growth, maturation, and reproductive output among <i>chacma</i> baboons . . . . .   | 83  | PEREZ, JOSE A. See González, Ana M. . . . .   | 391 |
| Life-history patterns in a population of ring-tailed lemurs ( <i>Lemur catta</i> ) at Beza Mahafaly Reserve, Madagascar: a 15-year perspective, demographic and . . . . .   | 107 | Peripartum cortisol levels and mother-infant interactions in Japanese macaques . . . . .  | 298 |
| Linear enamel hypoplasia in plio-pleistocene South African hominins with respect to aspects of enamel development and morphology, macroscopic and microscopic analyses of . . . . .   | 364 | Phenotypic variability among the Apalachee Mission populations of La Florida: a diachronic perspective, differential . . . . .  | 352 |
| Localized hypoplasia of the primary canine in bonobos, orangutans, and gibbons . . . . .  | 171 | Pigtailed macaques ( <i>Macaca nemestrina</i> ): A 3D-CT comparative analysis, growth-related shape changes in the fetal craniofacial complex of humans ( <i>Homo sapiens</i> ) and . . . . .                               | 339 |
| LOCKWOOD, CHARLES A. See Fish, Jennifer L. . . . .  | 16  | PIZZETTI, PAOLA. See Pavesi, Angelo . . . . .   | 195 |
| Long bone articular and diaphyseal structure in Old World monkeys and apes. II: Estimation of body mass . . . . .   | 108 | Plantar pressure distribution during terrestrial locomotion of bonobos ( <i>Pan paniscus</i> ), dynamic . . . . .   | 373 |
| LORENZ, JOSEPH G. See Malhi, Ripan S. . . . .   | 195 | PLAVCAN, J. MICHAEL. Scaling relationships between craniofacial sexual dimorphism and body mass dimorphism in primates: implications for the fossil record . . . . .  | 38  |
| LUCCHETTI, ENZO. See Pavesi, Angelo . . . . .   |     | Plio-pleistocene South African hominins with respect to aspects of enamel development and morphology, macroscopic and microscopic analyses of linear enamel hypoplasia in . . . . .   | 309 |
| <b>M</b>  |     | Population of ring-tailed lemurs ( <i>Lemur catta</i> ) at Beza Mahafaly Reserve, Madagascar: a 15-year perspective, demographic and life-history patterns in a . . . . .   | 309 |
| MACA-MEYER, NICOLE. See González, Ana M. . . . .  | 391 | Postmarital residence and biological variation at Pueblo Bonito . . . . .   | 182 |
| Macroscopic and microscopic analyses of linear enamel hypoplasia in plio-pleistocene South African hominins with respect to aspects of enamel development and morphology . . . . .  | 309 | Power production in unsteady ricochet brachiation, mechanisms of force and . . . . .  | 364 |
| MALHI, RIPAN S., HOLLY M. MORTENSEN, JASON A. ESHLEMAN, BRIAN M. KEMP, JOSEPH G. LORENZ, FREDERIKA A. KAESTLE, JOHN R. JOHNSON, CLARA GORODEZKY, AND DAVID GLENN SMITH. Native American mtDNA prehistory in the American Southwest . . . . .  | 108 | Pre columbian tlatelolco postmortem transformation or intravital processes?, analysis of colored teeth from . . . . .   | 73  |
| MANSILLA, J., C. SOLIS, M. E. CHÁVEZ-LOMELI, AND J. E. GAMA. Analysis of colored teeth from precolumbian tlatelolco postmortem transformation or intravital processes? . . . . .  | 73  | Prehistory: an example from early holocene in Central Sahara (Uan Muhuggiag, Tadrart Acacus, Libya), nonalimentary tooth use in . . . . .   | 225 |
| MANZI, GIORGIO. See Minozzi, Simona . . . . .   | 225 | Primary canine in bonobos, orangutans, and gibbons, localized hypoplasia of the . . . . .   | 61  |
| MAYS, SIMON, GILLIAN CRANE-KRAMER, AND ALEX BAYLISS. Two probable cases of treponemal disease of medieval date from England . . . . .   | 133 | Primates: implications for the fossil record, scaling relationships between craniofacial sexual dimorphism and body mass dimorphism in . . . . .  | 38  |
| MBUA, EMMA. See Bräuer, Günter . . . . .  | 200 | Pueblo Bonito, postmarital residence and biological variation at . . . . .  | 1   |
| Mechanisms of force and power production in unsteady ricochet brachiation . . . . .   | 364 | <b>Q</b>  |     |
| Medieval date from England, two probable cases of treponemal disease of . . . . .   | 133 | Quantitative analysis of neanderthal temporal bone morphology using three-dimensional geometric morphometrics . . . . .   | 323 |
| Microscopic analyses of linear enamel hypoplasia in plio-pleistocene South African hominins with respect to aspects of enamel development and morphology, macroscopic and . . . . .   | 309 | <b>R</b>  |     |
| MINOZZI, SIMONA, GIORGIO MANZI, FRANCESCA RICCI, SAVINO DI LERNIA, AND SILVANA M. BORGOGNINI TARLLI. Nonalimentary tooth use in prehistory: an example from early holocene in central Sahara (Uan Muhuggiag, Tadrart Acacus, Libya) . . . . . | 225 | Relationships between craniofacial sexual dimorphism and body mass dimorphism in primates: implications for the fossil record, scaling . . . . .  | 38  |
| MIRANDA, JASMIN JIJI, CHIE SUGIMOTO, RUBIGILDA PARAGUISON, TOMOKAZU TAKASAKA, HUAI-YING ZHENG, AND YOSHIAKI YOGO. Genetic diversity of JC virus in the modern Filipino population: implications for the Peopling of the Philippines . . . . . | 125 |   |     |

|   |     |   |     |  |
|---|-----|---|-----|--|
| Reproductive output among chacma baboons: life history and the competitive environment: trajectories of growth, maturation, and . . . . .   | 83  | Three-dimensional geometric morphometrics, quantitative analysis of neanderthal temporal bone morphology using . . . . .  | 323 |  |
| RICCI, FRANCESCA. See Minozzi, Simona . . . . .   | 225 | Transformation or intravital processes?: Analysis of colored teeth from precolumbian tlatelolco: postmortem . . . . .   | 73  |  |
| RICHTSMEIER, JOAN T. See Zumpano, Michael P. . . . .  | 339 | Tree-gouging primates, comparative functional analysis of skull morphology of . . . . .   | 153 |  |
| RODEWALD, ALEXANDER. See Pakendorf, Brigitte . . . . .  | 211 | Two distinct patterns in the surname structure of Sicily, brief communication: coexistence of . . . . .   | 195 |  |
| RUFF, CHRISTOPHER B. Long bone articular and diaphyseal structure in Old World monkeys and apes. II: Estimation of body mass . . . . .  | 16  | Two probable cases of treponemal disease of medieval date from England . . . . .  | 133 |  |
| <b>S</b>  |     |   |     |  |
| SAUTHER, MICHELLE L. See Gould, Lisa . . . . .  | 182 | Unsteady ricochet brachiation, mechanisms of force and power production in . . . . .  | 364 |  |
| Scaling relationships between craniofacial sexual dimorphism and body mass dimorphism in primates: implications for the fossil record . . . . .   | 38  | USHERWOOD, JAMES R., SUSAN G. LARSON, AND JOHN E.A. BERTRAM. Mechanisms of force and power production in unsteady ricochet brachiation . . . . .  | 364 |  |
| SCHILLACI, MICHAEL A. AND CHRISTOPHER M. STOJANOWSKI. Postmarital residence and biological variation at Pueblo Bonito . . . . .   | 1   | <b>V</b>  |     |  |
| SCHULTZ, MICHAEL. See Bräuer, Günter . . . . .  | 200 | VAN ELSACKER, LINDA. See Vereecke, Evie . . . . .   | 373 |  |
| SCHWARTZ-DABNEY, C.L. AND P.C. DECHOW. Variations in cortical material properties throughout the human dentate mandible . . . . .   | 252 | Variations in cortical material properties throughout the human dentate mandible . . . . .  | 252 |  |
| Shape changes in the fetal craniofacial complex of humans ( <i>Homo sapiens</i> ) and pigtailed macaques ( <i>Macaca nemestrina</i> ): A 3D-CT comparative analysis, growth-related . . . . . | 339 | VASQUEZ, MARIO A. See Wright, Lori E. . . . .   | 233 |  |
| SHIMIZU, KEIKO. See Bardi, Massimo . . . . .  | 298 | VEREECKE, EVIE, KRISTIAAN D'AOÛT, DIRK DE CLERCQ, LINDA VAN ELSACKER, AND PETER AERTS. Dynamic plantar pressure distribution during terrestrial locomotion of bonobos ( <i>Pan paniscus</i> ) . . . . .                                   | 373 |  |
| SIRI, ENZO. See Pavese, Angelo . . . . .  | 195 | VINYARD, CHRISTOPHER J., CHRISTINE E. WALL, SUSAN H. WILLIAMS, AND WILLIAM L. HYLANDER. Comparative functional analysis of skull morphology of tree-gouging primates . . . . .  | 153 |  |
| SKINNER, MARK F. AND ELIZABETH A. NEWELL. Localized hypoplasia of the primary canine in bonobos, orangutans, and gibbons . . . . .  | 61  | <b>W</b>  |     |  |
| Skull morphology of tree-gouging primates, comparative functional analysis of . . . . .   | 153 | WALL, CHRISTINE E. See Vinyard, Christopher J. . . . .  | 153 |  |
| SMITH, DAVID GLENN. See Malhi, Ripan S. . . . .   | 106 | Web-based review process for the <i>American Journal of Physical Anthropology</i> , Announcement . . . . .  | 107 |  |
| SOLIS, C. See Mansilla, J. . . . .  | 73  | Widespread occurrence of <i>Mycobacterium tuberculosis</i> DNA from 18th–19th century Hungarians . . . . .  | 144 |  |
| SOODYALL, HIMLA. See Pakendorf, Brigitte . . . . .  | 211 | WIEBE, VICTOR. See Pakendorf, Brigitte . . . . .  | 211 |  |
| South African hominins with respect to aspects of enamel development and morphology, macroscopic and microscopic analyses of linear enamel hypoplasia in plio-pleistocene . . . . .           | 309 | WILLIAMS, SUSAN H. See Vinyard, Christopher J. . . . .  | 153 |  |
| SPIGELMAN, MARK. See Fletcher, Helen A. . . . .   | 144 | WRIGHT, LORI E. AND MARIO A. VÁSQUEZ. Estimating the length of incomplete long bones: forensic standards from Guatemala . . . . .   | 233 |  |
| SPITSYN, VICTOR A. See Pakendorf, Brigitte . . . . .  | 211 | <b>Y</b>  |     |  |
| STOJANOWSKI, CHRISTOPHER M. Differential phenotypic variability among the Apalachee mission populations of La Florida: a diachronic perspective . . . . .                                     | 352 | YOGO, YOSHIAKI. See Miranda, Jasmin Jiji . . . . .  | 125 |  |
| STONEKING, MARK. See Pakendorf, Brigitte . . . . .  | 1   | <b>Z</b>  |     |  |
| SUGIMOTO, CHIE. See Miranda, Jasmin Jiji . . . . .  | 211 | ZHENG, HUAI-YING. See Miranda, Jasmin Jiji . . . . .  | 125 |  |
| Surname structure of Sicily, Brief Communication: Coexistence of two distinct patterns in the . . . . .   | 125 | ZUMPAÑO, MICHAEL P. AND JOAN T. RICHTSMEIER. Growth-related shape changes in the fetal craniofacial complex of humans ( <i>Homo sapiens</i> ) and pigtailed macaques ( <i>Macaca nemestrina</i> ): A 3D-CT comparative analysis . . . . . | 339 |  |
| SUSSMAN, R.W. See Gould, Lisa . . . . .   | 373 |   |     |  |
| <b>T</b>  |     |   |     |  |
| TAKASAKA, TOMOKAZU. See Miranda, Jasmin Jiji . . . . .  | 125 |   |     |  |
| TARSKAIA, LARISSA A. See Pakendorf, Brigitte . . . . .  | 211 |   |     |  |
| Terrestrial locomotion of bonobos ( <i>Pan paniscus</i> ), dynamic plantar pressure distribution during . . . . .   | 373 |   |     |  |



# *American Journal of* **PHYSICAL ANTHROPOLOGY**

The Official Journal of the American Association of Physical Anthropologists

Editor-in-Chief  
**Clark Spencer Larsen**  
Ohio State University

**Brenda R. Benefit**  
New Mexico State University  
Las Cruces

**Daniel E. Brown**  
University of Hawai'i  
Hilo

**James M. Cheverud**  
Washington University  
St. Louis

**Robert S. Corruccini**  
Southern Illinois University  
Carbondale

**Anne L. Grauer**  
Loyola University of Chicago

Book Review Editor  
**Steven R. Leigh**  
University of Illinois  
Urbana

Associate Editors  
**Rosalind M. Harding**  
University of Oxford

**Edward F. Harris**  
University of Tennessee  
Memphis

**Richard F. Kay**  
Duke University  
Durham

**Patricia M. Lambert**  
Utah State University  
Logan

**Susan G. Larson**  
State University of New York  
Stony Brook

**Lorena Madrigal**  
University of South Florida  
Tampa

**D. Andrew Merriwether**  
University of Michigan  
Ann Arbor

**Susan K. Pfeiffer**  
University of Toronto

**Callum F. Ross**  
State University of New York  
Stony Brook

**Margaret J. Schoeninger**  
University of California  
San Diego

**Karen B. Strier**  
University of Wisconsin  
Madison

**Bernard Wood**  
George Washington University

Assistant Editor  
**W. Bryan King**  
Ohio State University

**VOLUME 120**  
**JANUARY, FEBRUARY,**  
**MARCH, APRIL**  
**2003**

© 2003 Wiley-Liss Inc.  
111 River Street  
Hoboken, NJ 07030

**Contents**VOLUME 120  
NUMBER 1**JANUARY 2003**

- 1      **Postmarital Residence and Biological Variation at Pueblo Bonito**  
Michael A. Schillaci and Christopher M. Stojanowski
- 16     **Long Bone Articular and Diaphyseal Structure in Old World Monkeys and Apes. II: Estimation of Body Mass**  
Christopher B. Ruff
- 38     **Scaling Relationships Between Craniofacial Sexual Dimorphism and Body Mass Dimorphism in Primates: Implications for the Fossil Record**  
J. Michael Plavcan
- 61     **Localized Hypoplasia of the Primary Canine in Bonobos, Orangutans, and Gibbons**  
Mark F. Skinner and Elizabeth A. Newell
- 73     **Analysis of Colored Teeth From Precolumbian Tlatelolco: Postmortem Transformation or Intravital Processes?**  
J. Mansilla, C. Solis, M.E. Chávez-Lomeli, and J.E. Gama
- 83     **Life History and the Competitive Environment: Trajectories of Growth, Maturation, and Reproductive Output Among Chacma Baboons**  
Sara E. Johnson
- 99     **Book Reviews**
- 102    **Guide for Authors**

**Contents**VOLUME 120  
NUMBER 2**FEBRUARY 2003**

- 107    **ANNOUNCEMENT: Web-Based Review Process for the *American Journal of Physical Anthropology***  
Clark Spencer Larsen
- 108    **Native American mtDNA Prehistory in the American Southwest**  
Ripan S. Malhi, Holly M. Mortensen, Jason A. Eshleman, Brian M. Kemp, Joseph G. Lorenz, Frederika A. Kaestle, John R. Johnson, Clara Gorodezky, and David Glenn Smith
- 125    **Genetic Diversity of JC Virus in the Modern Filipino Population: Implications for the Peopling of the Philippines**  
Jasmin Jiji Miranda, Chie Sugimoto, Rubigilda Paraguison, Tomokazu Takasaka, Hua-Ying Zheng, and Yoshiaki Yogo
- 133    **Two Probable Cases of Treponemal Disease of Medieval Date From England**  
Simon Mays, Gillian Crane-Kramer, and Alex Bayliss
- 144    **Widespread Occurrence of *Mycobacterium tuberculosis* DNA From 18th–19th Century Hungarians**  
Helen A. Fletcher, Helen D. Donoghue, John Holton, Ildikó Pap, and Mark Spigelman
- 153    **Comparative Functional Analysis of Skull Morphology of Tree-Gouging Primates**  
Christopher J. Vinyard, Christine E. Wall, Susan H. Williams, and William L. Hylander
- 171    **Dietary Constraints on Encephalization in Primates**  
Jennifer L. Fish and Charles A. Lockwood
- 182    **Demographic and Life-History Patterns in a Population of Ring-Tailed Lemurs (*Lemur catta*) at Beza Mahafaly Reserve, Madagascar: A 15-Year Perspective**  
Lisa Gould, R.W. Sussman, and Michelle L. Sauther

- 195 **Brief Communication: Coexistence of Two Distinct Patterns in the Surname Structure of Sicily**  
Angelo Pavesi, Paola Pizzetti, Enzo Siri, Enzo Lucchetti, and Franco Conterio
- 200 **Pathological Alterations in the Archaic *Homo sapiens* Cranium From Elie Springs, Kenya**  
Günter Bräuer, Christoph Groden, Günter Delling, Cornelius Kupczik, Emma Mbua, and Michael Schultz
- 205 **Book Reviews**
- 209 **Erratum**

Contents VOLUME 120  
NUMBER 3 MARCH 2003

- 211 **Mitochondrial DNA Evidence for Admixed Origins of Central Siberian Populations**  
Brigitte Pakendorf, Victor Wiebe, Larissa A. Tarskaia, Victor A. Spitsyn, Himla Soodyall, Alexander Rodewald, and Mark Stoneking
- 225 **Nonalimentary Tooth Use in Prehistory: An Example From Early Holocene in Central Sahara (Uan Muhuggiag, Tadrart Acacus, Libya)**  
Simona Minozzi, Giorgio Manzi, Francesca Ricci, Savino di Lernia, and Silvana M. Borgognini Tarli
- 233 **Estimating the Length of Incomplete Long Bones: Forensic Standards From Guatemala**  
Lori E. Wright and Mario A. Vásquez
- 252 **Variations in Cortical Material Properties Throughout the Human Dentate Mandible**  
C.L. Schwartz-Dabney and P.C. Dechow
- 278 **Patterns of Joint Size Dimorphism in the Elbow and Knee of Catarrhine Primates**  
Michael R. Lague
- 298 **Peripartum Cortisol Levels and Mother-Infant Interactions in Japanese Macaques**  
Massimo Bardi, Keiko Shimizu, Gordon M. Barrett, Silvana M. Borgognini-Tarli, and Michael A. Huffman
- 305 **Book Reviews**

Contents VOLUME 120  
NUMBER 4 APRIL 2003

- 309 **Macroscopic and Microscopic Analyses of Linear Enamel Hypoplasia in Plio-Pleistocene South African Hominins With Respect to Aspects of Enamel Development and Morphology**  
Debbie Guatelli-Steinberg
- 323 **Quantitative Analysis of Neanderthal Temporal Bone Morphology Using Three-Dimensional Geometric Morphometrics**  
Katerina Harvati
- 339 **Growth-Related Shape Changes in the Fetal Craniofacial Complex of Humans (*Homo sapiens*) and Pigtailed Macaques (*Macaca nemestrina*): A 3D-CT Comparative Analysis**  
Michael P. Zuppano and Joan T. Richtsmeier
- 352 **Differential Phenotypic Variability Among the Apalachee Mission Populations of La Florida: A Diachronic Perspective**  
Christopher M. Stojanowski

- 364 **Mechanisms of Force and Power Production in Unsteady Ricochet Brachiation**  
James R. Usherwood, Susan G. Larson, and John E.A. Bertram
- 373 **Dynamic Plantar Pressure Distribution During Terrestrial Locomotion of Bonobos (*Pan paniscus*)**  
Evie Vereecke, Kristiaan D'Août, Dirk De Clercq, Linda Van Elsacker, and Peter Aerts
- 384 **Human Life Histories and the Demographic Transition: A Case Study From Finland, 1870–1949**  
Helena Korpelainen
- 391 **Mitochondrial DNA Affinities at the Atlantic Fringe of Europe**  
Ana M. González, Antonio Brehm, José A. Pérez, Nicole Maca-Meyer, Carlos Flores, and Vicente M. Cabrera
- 405 **Index to Volume 120**

